

Siemens introduces first industrial control cabinets made entirely from green steel

- **Siemens subsidiary Alpha Verteilertechnik in Cham, Germany, offers green SIVACON 8MF1 control cabinet series**
- **Green steel enclosures are made of scrap metal, produced with renewable energy from wind power**
- **Results in 70 percent lower CO₂ emissions compared to conventional steel**
- **New enclosure supports Siemens' sustainability targets**

Siemens Smart Infrastructure, through its German subsidiary Alpha Verteilertechnik, has launched the latest addition to its line of sustainable electrical products. Now, besides conventional control cabinets, customers globally can purchase its SIVACON 8MF1 industrial control cabinet series, made with 100 percent scrap metal sourced from reputable suppliers in Europe and manufactured using wind power. The move supports Siemens' sustainability goals in the areas of decarbonization and resource efficiency, outlined within its [DEGREE](#) framework, with the company following a 1.5°C science-based decarbonization target.

The production process for the SIVACON 8MF1 control cabinets slashes CO₂ emissions by 70 percent when compared to conventional steel, typically produced in a blast furnace using iron ore and coal. The 70 percent reduction translates into savings of 308 kilograms of CO₂ per enclosure unit. Currently, steel production is responsible for eight percent of emissions globally. As demand for steel continues to rise, it is essential to decarbonize its production.

The offering has the same technical properties and functionality as cabinets produced with conventional steel. It enables larger industrial customers to reduce their CO₂ emissions and get closer to achieving their sustainability goals.

This press release as well as press pictures are available [here](#).

For more information on Siemens Smart Infrastructure, please see [Siemens Smart Infrastructure](#)

For more information on SIVACON 8MF1 control cabinet series, please see [SIVACON 8MF1 system cubicles](#)

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings, and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions, and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2023, the business had around 75,000 employees worldwide.

Siemens AG (Berlin and Munich) is a leading technology company focused on industry, infrastructure, mobility, and healthcare. The company's purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable. Siemens also owns a majority stake in the publicly listed company, Siemens Healthineers, a leading global medical technology provider shaping the future of healthcare.

In fiscal 2023, which ended on September 30, 2023, the Siemens Group generated revenue of €74.9 billion and net income of €8.5 billion. As of September 30, 2023, the company employed around 305,000 people worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.